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9-05-00  
#2 A-1-a  
A  
Attorney Docket No. 18547-043220US

"Express Mail" Label No. EM530421399US

Date of Deposit: September 1, 2000

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231



ASSISTANT COMMISSIONER FOR PATENTS  
BOX PATENT APPLICATION  
Washington, D.C. 20231

A  
Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is the

patent application of  
 continuation patent application of  
 divisional patent application of  
 continuation-in-part patent application of

Inventor(s)/Applicant Identifier: Michael C. Pirrung, Lubert Stryer, Stephen P.A. Fodor and J. Leighton Read

For: ARRAYS AND PHOTOLITHOGRAPHIC MEANS FOR THEIR MANUFACTURE (AS AMENDED)

This application claims priority from each of the following Application Nos./filing dates:  
09/557,875, filed April 24, 2000; 09/056,927, filed April 8, 1998; 08/670,118, filed June 25, 1996; 08/168,904, filed December 15, 1993; 07/624,114, filed December 6, 1990; 07/362,901, filed June 7, 1989; 08/348,471, filed November 30, 1994; 07/805,727, filed December 6, 1991 and 07/492,462, filed March 7, 1990, the disclosure(s) of which is (are) incorporated by reference.

Please amend this application by deleting the first paragraph and substitute therefor: --The present application is a continuation of 09/557,875, filed April 24, 2000, which is a continuation of 09/056,927 filed April 8, 1998, which is a continuation of 08/670,118 filed June 25, 1996, now U.S. Patent No. 5,800,992, which is a divisional of 08/168,904 filed December 15, 1993, which is a continuation of 07/624,114, filed December 6, 1990. The present application is also a continuation-in-part of USSN 07/362,901, filed June 7, 1989. This application is also a continuation-in-part of USSN 08/348,471 filed November 30, 1994, which is a continuation of USSN 07/805,727 filed December 6, 1991 (now U.S. Patent No. 5,424,186), which is a continuation-in-part of USSN 07/492,462, filed March 7, 1990 (now U.S. Patent No. 5,431,438). Additional commonly assigned applications Barrett et al., U.S.S.N. 07/435,316 (caged biotin parent), filed November 13, 1989; and Barrett et al. U.S.S.N. 07/612,671 (caged biotin CIP) filed November 13, 1990 are also incorporated herein by reference. Additional applications Pirrung et al., U.S.S.N. 07/624,120 (now abandoned) a divisional of which has issued as US 5,744,101 and Dower et al., U.S.S.N. 07/626,730 (now US 5,547,839), which are also commonly assigned are also hereby incorporated herein by reference.--

Enclosed are:

203 page(s) of specification  
 28 page(s) of claims  
 1 page of Abstract  
 27 sheet(s) of [ ] formal [  ] informal drawing(s).  
 A [  ] signed [ ] unsigned Declaration & Power of Attorney  
 Title Page  
 Preliminary Amendment  
 Return postcard

(Col. 1) (Col. 2)

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	41 - 20	= *21
INDEP. CLAIMS	5 - 3	= *2
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

\* If the difference in Col. 1 is less than 0, enter "0" in Col. 2.

SMALL ENTITY

RATE	FEE
	\$345.00
x \$9.00 =	
x \$39.00 =	
+ \$130.00 =	
TOTAL	

OTHER THAN  
SMALL ENTITY

RATE	FEE
	\$690.00
x \$18.00 =	\$378.00
x \$78.00 =	\$156.00
+ \$260.00 =	
TOTAL	\$1,224.00

Please charge Deposit Account 0-1430 as follows:

Filing fee

[X] Any additional fees associated with this paper or during the pendency of this application.

The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b)

[ ] A check for \$\_\_\_\_\_ is enclosed.  
2 extra copies of this sheet are enclosed.

Respectfully submitted,  
TOWNSEND and TOWNSEND and CREW LLP

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*# 3/11-10*  
PATENT  
Attorney Docket No.: 018547-043220US

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Assistant Commissioner for Patents  
Washington, D.C. 20231

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Michael C. Pirrung *et al.*

Application No.: Not yet Assigned

Filed: Herewith

For: ARRAYS AND  
PHOTOLITHOGRAPHIC MEANS FOR  
THEIR MANUFACTURE (AS  
AMENDED)

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application and calculation of the filing fee, please enter the following amendments and remarks.

**IN THE TITLE:**

Please delete the current title and substitute therefor:

*B1*  
-- ARRAYS AND PHOTOLITHOGRAPHIC MEANS FOR THEIR  
MANUFACTURE --

**IN THE CLAIMS:**

Please cancel claims 1-171 without prejudice.

Please add the following new claims 172-212:

*B2*  
--172. (New) A substrate with a surface comprising a plurality of polypeptides with different, known sequences bound to the surface in discrete known